Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to a collection of information unless it displays a valid OMB control number

Utility Patent Application

Attorney Docket No.	CNTR.2071				
First Inventor	Thomas A. Crispin				
	G. Glenn Henry				
	Arturo Martin-de-Nicolas				
	Terry Parks				
Title	APPARATUS AND METHOD FOR PERFORMING				
	TRANSPARENT BLOCK CIPHER				
	CRYPTOGRAPHIC FUNCTIONS				
Express Mail Label	EN NO1 NO2 075116 124/02				

Transmittal					-de-Nicola	s		
(Only for new nonprovisional applications under 37 CFR 1.53(b))	T:41 -		Terry Parks APPARATUS AND METHOD FOR PERFORMING					
	Title					K CIPHER	PERFORMING	
						NCTIONS		
	Express Mail La	abel	_	001		75 US	13/4/03	
APPLICATION ELEMENTS		۸۵۱	שר	SS TO		ommissioner fo		
See MPEP chapter 600 concerning utility patent application	contents.	ADI		33 10		ox Patent Appli lexandria, VA		
		_						
1.					R in duplicat am (<i>Append</i>	te, large table o	or o	
Applicant claims small entity status.						Sequence Subr	nission =	
See 37 CFR 1.27.		(if a	pplical	ble, all ned	cessary)		ο <u>1</u>	
3. ⊠ Specification [Total Pages 77]					Readable Fo equence Lis		⇒i∧ ≡	
(preferred Arrangement set forth below)		D.				(2 copies); or		
-Descriptive title of the invention				Paper			10/7	
-Cross Reference to Related Applications -Reference to sequence listing, a table		•		tatomonte	verifying ide	entity of above		
or a computer program listing appendix		0.	_ 0	alements	vernying ide	entity of above	copies ===	
-Background of the Invention -Brief Summary of the Invention			ACC	COMPA	NYING A	PPLICATIO	N PARTS	
-Brief description of the Drawings (if filed)		9.	⊠ A	Assignmen	it Papers (c	over sheet & d	ocument(s))	
-Detailed Description		10.	. 🔲 3	7 CFR 3.7	3 (b) Staten	nent 🖂	Power of	
-€laim(s)-Abstract of the Disclosure			(V	vhen there	e is an assig	inee)	Attorney	
		11.	. 🗆 E	nglish Tra	nslation Do	cument (if appl	icable)	
		12.			Disclosure (IDS)/PTO-	1449	Copies of IDS Citations	
5. ⊠ Oath or Declaration [Total Pages 2]		13.	□Р	reliminary	Amendmer	nt		
a. ☑ Newly executed (original or copy) b. ☐ Copy from a prior application (37 CFR 1.63 (d)	N	14			eipt Postca specifically	rd (MPEP 503)	,	
(for continuational divisional with Box 18 completed)	''	15				ty Documents(s)	
i. <u>DELETION OF INVENTOR(S)</u>		1			riority is clai		-	
Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR		16				st under 35 U.S		
1.63 (d)(2) and 1.33(b).				o)(2)(B)(i). r its equiva		must attach for	m PTO/SB/35	
6. Application Data Sheet. See 37 CFR 1.76		17.		•				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary Amendment, or in an Application Data Sheet under 37 CFR 1.76								
☐ Continuation ☐ Divisional ☐	Continuation-in-part (CIP)) of p	nior appl	lication No:				
Prior application information: Examiner		Gro	oup Art L	Jnit				
For CONTINUATION OR DIVSIONAL APPS only: The entire disclosur the disclosure of the accompanying continuation or divisional applic.	re of the prior applicatio	n, from which a	an oath	or declaratio	n is supplies u	inder Box 5b, is co	onsidered a part of	
has been inadvertently omitted from the submitted application parts.					5.4.1.511 <u>5411 511</u>	ng no ronou upon r	which a portion	
19. CORRESPONDENCE ADDRESS								
Customer Number and								
□ Customer Number and □ Bar Code Label □ A □ 23669								
Dai Code Labei								
Name (Print Type) James W. Mulfman///	Registration N	No. (Attorr	ney/A	gent)	35,549			
Signature					Date	12-1.	-03	
· / / · · · · · / / · · · · · · · · · ·								

ŧ	Application Number	NA					
P FEE TRANSMITTAL	Filing Date	Herewith					
FEE TRANSMITTAL for FY 2001 Patent fees are subject to annual revision	First Named Inventor	Thomas A. Crispin G. Glenn Henry Arturo Martin-de-Nicolas Terry Parks					
	Examiner Name						
TOTAL AMOUNT OF PAYMENT \$ 1436.00	Group Art Unit						
	Attorney Docket Number	CNTR.2071					
METHOD OF PAYMENT	FEE CALCULATIO						
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES						
indicated fees and credit any overpayments to: Deposit Account Number	Large Entity Entity	FEE PAID ig fee or oath					
Deposit Account	1052 50 2052 25 Surcharge – late pro	visional filing fee or					
Name ☐ Charge Any Additional Fee Required	1053 130 1053 130 Non-English specific	ation					
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status.	1812 2,520 1812 2,520 For filing a request for	or ex parte reexamination					
See 37 CFR 1.27 2. Payment Enclosed:	1804 920* 1804 920* Requesting publication Examiner action	on of SIR prior to					
☐ Check ☐ Credit Card ☐ Money ☐ Other	113 1,840* 113 1,840* Extension for reply w	Extension for reply within first month					
Order	115 110 215 55 Extension for reply w						
FEE CALCULATION	116 400 216 200 Extension for reply w 117 920 217 460 Extension for reply w						
1. BASIC FILING FEE Large (Entity Small Entity	117 920 217 460 Extension for reply within fourth month 118 1,440 218 720 Extension for reply within fith month						
Fee Fee Fee Fee Discription	128 1,960 228 980 Notice of Appeal						
Code (\$) Code (\$) 1001 740 2001 370 Utility filing fee \$770.00	138 1,510 138 1,510 Petition to institute a	n to institute a public use proceeding					
1001 740 2001 370 Utility filing fee \$770.00	140 110 240 55 Petition to revive - un	navoidable					
1003 510 2003 255 Plant filing fee	141 1,330 241 665 Petition to revive - un						
1004 740 2004 370 Reissue filing fee	142 1,330 242 665 Utility issue fee (or re 143 480 243 240 Design issue fee	or reissue)					
1005 160 2005 80 Provisional filing fee	144 640 244 320 Plant issue fee						
SUBTOTAL (1) \$ 770.00	122 130 122 130 Petitions to the Com	Commissioner					
EXTRA CLAIM FEES	123 50 123 50 Processing fee unde						
Extra Fee from Claims below Fee Paid	126 180 126 180 Submission of Inform	Information Disclosure Stmt					
Total Claims 57 -20 37 x 18 = 666	581 40 581 40 Recording each pate property (times number)						
Independent		Filing a submission after final rejection (37 CFR § 1.29 (a))					
Cliams Large Entity Small Entity Fee Fee Fee Fee Discription		For each addittional invention to be examined (37 CFR § 1.29 (b))					
Code (\$) Code (\$)	·	uest for Continued Examination (RCE)					
1202 18 2202 9 Claims in excess of 20	169 900 169 900 Request for expedite of a design application						
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, If not paid	Other fee (specify)						
1204 86 2204 43 **Reissue independent claims over original patent	*Reduced by Basic Filing Fee Paid SUBOTAL (3)						
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 666.00							
SUBMITTED BY		omplete (if applicable)					
	tion No. ty/Agent) 35,549 Telephon	ne (719) 475-7103					
Signature	Date	12-1-03					